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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/982,588	10/18/2001	Brad Zerman	3302 P 005	7606

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EXAMINER

LEE, SEUNG H

ART UNIT PAPER NUMBER

2876

DATE MAILED: 06/05/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/982,588

Applicant(s)

ZERMAN, BRAD

Examiner

Seung H Lee

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Objections

1. Claims 5-10 and 16-21 are objected to because of the following informalities:

Re claims 5-10 and 16-21: **"substantially identical"**, **"substantially the same"**, and **"substantially different"** are indefinite and vague. The Examiner respectfully advise applicant to delete "substantially" in order to clarify the claimed subject matter thereof.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 4-10, 12, and 15-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ross (US 6,540,136) in view of Do et al. (US 6,206,284).

Ross teaches an automated teller machine (ATM) (10) comprising a front keypad (16) having a front screen (20) in which the front screen is operable via the front keypad wherein user(s)/customer(s) can input a personal identification number (PIN) using the keypad in order for customer's desired function such as a cash withdraw from the ATM, and an operator panel (26) equipped with a rear keypad (27) having a rear screen (28)

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in which various operating mechanisms of ATM is conducted using the rear keypad and the rear screen after validating operator identification data (120), e.g., entering PIN for authenticating purpose then selecting maintenance operation such as replenishing currency (126), wherein the operator panel is mounted inside the ATM (see Figs. 1-2, 5; col. 2, lines 25- 64).

However, Ross fails to particularly teach or fairly suggest that the ATM comprised a door hingedly connected to the ATM.

Do et al. teaches that a rear door (10b') of the ATM is connected to the ATM using a hinge points (16'), and a portion (100a) of the ATM is made from steel (see Figs. 2, 3 and 5; col. 2, line 46- col. 4, line 55; col. 5, lines 56-65).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to employ the notoriously old and well known door as taught by Do et al. to the ATM of Ross in order to access the inside of ATM for replenishing the currency box for supplying the currency to customer(s)/user(s) in need. Moreover, such modification would provide an improved security means for increasing the fire resistance by using steel materials for manufacturing the ATM.

Although, Ross as modified by Do et al. teaches the ATM including the user panel and operator panel with access door, they fairly suggest that the front keypad and the front screen are identical to the rear keypad and the rear screen. However, it would have been an obvious design variation well within the ordinary skill in the art failing to provide any unexpected results for choosing the identical keypads for accepting data/information from the user panel and the operator panel, and choosing the identical

screens for displaying data/information on screens of the user panel and the operator panel, and therefore an obvious expedient.

4. Claims 2, 3, 13, and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ross modified by Do et al., and further in view of Schanz et al. (US 6,328,206)(hereinafter referred to as 'Schanz').

The teachings of Ross/Do et al. have been discussed above.

Although, Ross/Do et al. teaches the ATM including the user panel and operator panel with access door, they fairly suggest that the housing including mounting angles.

However, Schanz teaches mounting brackets (112) serving as mounting angles for securing device such as display (100) to the housing (12) (see Figs. 2 and 7; col. 6, lines 26-47).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teachings of Schanz to the teachings of Ross/Do et al. in order to improve supporting means for securing device adjustably vertically, horizontally, and angularly to the housing of the through-the-wall type ATM by using the mounting brackets. Moreover, such modification would provide a flexibility means for supporting the various types of the display device, and therefore an obvious expedient.

5. Claims 11 and 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ross modified by Do, and further in view of Do (US 6,508,397).

The teachings of Ross/Do et al. have been discussed above.

Although, Ross/Do et al. teaches the ATM including the user panel and operator panel with access door, they fairly suggest that the door includes a handle.

However, Do teaches a door (105) of ATM having handles (402) for opening and/or closing door (see Fig.4A; col. 4, lines 58-63).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teachings of Do to the teachings of Ross/Do et al. in order to provide an improved safety means for reducing/minimizing risk of any door closing related injury by using both hands for opening/closing ATM, and therefore an obvious expedient.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure;

Lewis et al. [US 6,527,172] and Hiroki et al. [US 5,313,050] disclose an automated banking machine or cash managing system.


Any inquiry concerning this communication or earlier communication from the examiner should be directed to Seung H. Lee whose telephone number is (703) 308-5894. The examiner can normally be reached on Monday to Friday from 7:30 AM to 4:00 PM.


If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee, can be reached on (703) 305-3503. The fax-phone number for this group is (703) 308-5841 or (703) 308-7722.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [michael.lee@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.


Seung H. Lee
Art Unit 2876
May 30, 2003


MICHAEL G. LEE
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